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November 6, 2009

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: GN Dockets Nos. 09-51
Ex Parte Notice

Ms. Dortch:

On Wednesday, November 4, 2009, Ken Budkha, Tewfik Doumi and I from Alcatel-Lucent had a conversation with David Vorhaus and Nicholas Maynard of the Federal Communications Commission ("FCC") concerning network performance requirements for IP applications. In response to this conversation, I forwarded the attached information to Mr. Vorhaus and Maynard today.

If you have any questions concerning this filing, please do not hesitate to contact me on 202-312-5901. Thank you.

Sincerely,

Attachment

Kenefick, Paul (Paul)

From: Kenefick, Paul (Paul)
Sent: Friday, November 06, 2009 10:30 AM
To: 'Dave.Vorhaus@fcc.gov'
Cc: Nicholas Maynard
Subject: Alcatel-Lucent Ex Parte in response to FCC Inquiry

Dave / Nicholas:

From our conversation with Ken Budkha and Tewfik Doumi of Bell Labs on Wednesday, Nov. 4, please see the following:

Q: The primary thing we were interested in talking with you about was whether ALU has any existing information on business applications and their associated bandwidth and network performance requirements, such as latency, jitter, or packet loss (applications of interested are things like VoIP, ERP, CRM, storage, etc).

A: ITU-T Y.1541 (an ITU standard – see link below) lists delay, jitter and loss requirements for IP applications.

Table 1 lists delay, jitter and loss requirements for different 5 different application classes.

Table 2 gives examples of how IP applications map to the 5 classes

http://www.itu.int/rec/T-REC-Y.1541/en

I will file this email with ECFS today. Please let me know if you have any questions or comments.

Thank you.

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